PTO-1390 (Rev. 02-2005)

JC04 Rec'd PCT/PTO 28 SFP 2004 proved for use through 3/31/2007, OMB 0651-0021

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|   | TRANSMITTAL LETTE   | ATTORNEY'S DOCKET NUMBER 00005.001274                |   |  |  |  |  |  |
|---|---|--|---|--|--|--|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US)  |   |  | U.S. APPIRATION NOTIFIADWIT, See 30 C. (78.1.5) |  |  |  |  |  |
| CONCERNING A SUBMISSIO  |   |  | 10/221248                                       |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.   |   | INTERNATIONAL FILING DATE  31 March 2004             | PRIORITY DATE CLAIMED 31 March 2003             |  |  |  |  |  |
|   | E OF INVENTION  | 31 Watch 2004  | 31 Majen 2003                                   |  |  |  |  |  |
| AGENT FOR INTRA-AIRWAY ADMINISTRATION   |   |  |   |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US   |   |  |   |  |  |  |  |  |
| Etsuo Ohshima, Haruhiko Manabe, Motoya Mie, Harunobu Tahara, Kazuo Yamaguchi and Yasuhiro Ishikawa                              |   |  |   |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |  |   |  |  |  |  |  |
| 1.  | X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |  |   |  |  |  |  |  |
| 2.  | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |  |   |  |  |  |  |  |
| 3.  | X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |   |  |  |  |  |  |
| 4.  | X The US has been elected (Article 31).   |  |   |  |  |  |  |  |
| 5.  | X A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |  |   |  |  |  |  |  |
|   | a.  is attached hereto (required only if not communicated by the International Bureau).   |  |   |  |  |  |  |  |
|   | b. X has been communicated by the International Bureau.   |  |   |  |  |  |  |  |
|   | c. a is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |   |  |  |  |  |  |
| 6.  | ——————————————————————————————————————  |  |   |  |  |  |  |  |
|   | a. X is attached hereto.  |  |   |  |  |  |  |  |
| ,   | b. has been previously submitted under 35 U.S.C. 154(d)(4).   |  |   |  |  |  |  |  |
| 7.  | X Amendments to the claims of the Inte  | rnational Application under PCT Article 19 (35 U.S.  | .C. 371(c)(3))                                  |  |  |  |  |  |
|   | a. are attached hereto (required  | only if not communicated by the International Burea  | u).   |  |  |  |  |  |
|   | b. have been communicated by the International Bureau.  |  |   |  |  |  |  |  |
|   | c.  have not been made; however, the time limit for making such amendments has NOT expired.   |  |   |  |  |  |  |  |
|   | d. X have not been made and will  | not be made.   |   |  |  |  |  |  |
| 8.  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |   |  |  |  |  |  |
| 9.  | X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |   |  |  |  |  |  |
| 10.   | An English language translation of th   | e annexes of the International Preliminary Examinati | ion Report under PCT Article 36 (35 U.S.C.      |  |  |  |  |  |
|   | 371(c)(5)).   |  |   |  |  |  |  |  |
| Iten  | ns 11 to 20 below concern other documen   | t(s) or information included:                        |   |  |  |  |  |  |
| 11.   | An Information Disclosure Statement   | under 37 CFR 1.97 and 1.98.                          |   |  |  |  |  |  |
| 12.   | X An assignment document for recording  | g. A separate cover sheet in compliance with 37 CF   | R 3.28 and 3.31 is included.                    |  |  |  |  |  |
| 13.   | X A preliminary amendment.  |  | ·   |  |  |  |  |  |
| 14.   | X An Application Data Sheet under 37  | CFR 1.76.  | ·   |  |  |  |  |  |
| 15.   | A substitute specification.   |  |   |  |  |  |  |  |
| 16.   | A power of attorney and/or change of address letter.  |  |   |  |  |  |  |  |
| 17.   | <b>言:</b>   |  |   |  |  |  |  |  |
| 18.   |   |  |   |  |  |  |  |  |
| 19.   |   |  |   |  |  |  |  |  |
| 20.   |   |  |   |  |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

JC12 Rec'd PCT/PTC 28 S F PO 189 (Fev. 02-2005)

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| U.S. APPLICATION NO. If is   | ATTORNEY'S DOCKET NUMBER 00005.001274 |   |            |                       |               |  |  |  |  |
|--|---------------------------------------|---|------------|-----------------------|---------------|--|--|--|--|
| The following fe   | CALCULATIONS                          | PTO USE ONLY  |            |                       |               |  |  |  |  |
| 21. X Basic nation   | \$300.00                              | 71000000  |            |                       |               |  |  |  |  |
| 22. X Examination If International prelim PCT Article 33( All other situations   | \$200.00                              |   |            |                       |               |  |  |  |  |
| 23. X Search fee Search fee (37 CFR 1 International Search F All other situations  | \$400.00                              |   |            |                       |               |  |  |  |  |
|  | \$900.00                              |   |            |                       |               |  |  |  |  |
| Additional fee for sequence listing The fee is \$250   |                                       |   |            |                       |               |  |  |  |  |
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| 45 - 100 =   | 0/50 =                                | 0   | x \$250.00 | \$0.00                |               |  |  |  |  |
| Surcharge of \$130.00 from the earliest claim  | \$                                    | 1   |            |                       |               |  |  |  |  |
| CLAIMS   | NUMBER FILED                          | NUMBER EXTRA  | RATE       |                       |               |  |  |  |  |
| Total Claims   | 35 - 20 =                             | 15  | x \$ 50    | \$750.00              |               |  |  |  |  |
| Independent Claims   | 2 - 3 =                               | 0   | x \$200    | \$0.00                |               |  |  |  |  |
| MULTIPLE DEPENI  | \$360.00                              |   |            |                       |               |  |  |  |  |
|  | \$2010.00                             |   |            |                       |               |  |  |  |  |
| Applicant claims   | \$                                    |   |            |                       |               |  |  |  |  |
|  | \$2010.00                             |   |            |                       |               |  |  |  |  |
| Processing fee of \$13 claimed priority date (   | \$                                    |   |            |                       |               |  |  |  |  |
|  | \$2010.00                             |   |            |                       |               |  |  |  |  |
| Fee for recording the an appropriate cover s   | \$40.00                               |   |            |                       |               |  |  |  |  |
|  | \$2050.00                             |   |            |                       |               |  |  |  |  |
| \$   | Amount to be refunded:                | \$  |            |                       |               |  |  |  |  |
|  |                                       | ·   |            | Amount to be charged: | \$            |  |  |  |  |
| a. X A check in the  | he amount of \$2050.00                | to cover the above fees is enclosed.  |            |                       |               |  |  |  |  |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  |                                       |   |            |                       |               |  |  |  |  |
| c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1205 A duplicate copy of this sheet is enclosed.                         |                                       |   |            |                       |               |  |  |  |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |                                       |   |            |                       |               |  |  |  |  |
|  |                                       | nder 37 CFR 1.495 has not been met, a petit plication to pending status.      |            |                       | must be filed |  |  |  |  |
| SEND ALL CORRES  | vaise ;                               |   |            |                       |               |  |  |  |  |
| Lawrence S. Perry  | Perry                                 | <b>/</b> .  |            |                       |               |  |  |  |  |
| Fitzpatrick, Cella, H  | CILY                                  | · · ·   |            |                       |               |  |  |  |  |
| 30 Rockefeller Plaz<br>New York, NY 101  | Se                                    | eptember 27, 2005   |            |                       |               |  |  |  |  |
|  | ON NUMBER                             | DATE  |            |                       |               |  |  |  |  |

10/551248 JC12 Rec'd PCT/PTC 28 SEP 2005

**VERIFICATION OF A TRANSLATION** 

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP2004/004601 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: September 12, 2005

Full name of the translator

Kazuyo Saito

Signature of the translator

Coruyo Sarto c/o Head Office, KYOWA HAKKO KOGYO CO., LTD.

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